



**OPTIMUM**  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



## PRODUCT DATA SHEET (PDS)

# FOOD GRADE GREASE

## DESCRIPTION

Comet Food Grade High Temperature grease provides protection for higher temperature applications and is made from quality pharmaceutical white oil grade and thickened with aluminum complex. Comet Food Grade High Temperature grease is designed for use in food processing machinery. It is non-toxic, general-purpose grease and can satisfy a wide variety of applications. It provides excellent anti-wear protection and prevents corrosion.

## APPLICATIONS

Comet Food Grade High Temperature can be applied manually, by using a standard grease gun or via a central lubricating system capable of pumping grease.

- Lubrication of machinery in the food and beverage industry.
- Grease lubricated points in seaming and bottling.
- Pellet mills.
- Kilns.
- Oven conveyors.
- Plastic molding machines.

## FEATURES & BENEFITS

- Lubrication of friction bearings even at high temperatures and water exposure.
- General-purpose food grade grease.
- Excellent wear protection.
- Prevents rusting.
- Good mechanical stability.
- Excellent resistance to water wash out.

## HEALTH AND SAFETY

Prolonged and repeated contact with grease may cause skin disorders. In case of skin contact, wash immediately with soap and water. Do not discharge used oils in to drains or the environment. Dispose at an authorized used oil collection point.

*NB: buckets and drums for greases should be stored upright and the surface of grease should be smothered to avoid separation always store on temperatures between -5 to 40 oc.*



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## PHYSICAL PROPERTIES

| Properties                | Test Method | Unit | Aluminum thickener |        |        |        |
|---------------------------|-------------|------|--------------------|--------|--------|--------|
| Soap type                 |             |      |                    |        |        |        |
| Nlgi                      |             |      | 00                 | 0      | 2      | 3      |
| Appearance                | Visual      |      | White              | White  | White  | White  |
| Unworked penetration@25°C | ASTM D 217  | mm   | 390                | 360    | 280    | 218    |
| Worked 60 strokes @ 25 °C | ASTM D 217  | mm   | 420                | 370    | 275    | 235    |
| Drop point                | ASTMD 2265  |      | 345 °c             | 345 °c | 345 °c | 345 °c |



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